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Signing Process Confirmation - CDX Activity ID: _e51bb58c-2dec-4131-b866-722413c296d3

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Permit ID	Facility	Permitted Expiration	Discharge #	Discharge Description	Monitoring Period End Date	DMR Due Date
CT0101245	DEEP NOVA WPCF	001	091-1	SAINTMARY SERVICE	06/30/19	07/15/19

Town of Deep River WPCA MOW

[illegible]

Date 6/1/19 Day Saturday Time 6:30 Temp 58°
Precipitation 0 Weather Nice

LAB

Thickened Sludge 2 / 4 W.A.S. 10 / 10

Ops Building

Heating Fuel 2770 Gallons Generator Hours 941 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14522505 Parshall Flume 480 770

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.3 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 162480 Max 232 Min 18 Avg 113

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials — Analyst Initials —

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 6/2/19 Day Sunday Time 830 Temp 60°
Precipitation 0 Weather nice

LAB

Thickened Sludge 11 / 10 W.A.S. 2 / 4

Ops Building

Heating Fuel 3001 Gallons Generator Hours 941 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14539370 Parshall Flume 646160

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 154990 Max 238 Min 23 Avg 108

SBR Building

UV Operation 95 % Pump Number 1f2 Clean Water Screens ✓

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials — Analyst Initials —

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 6/3/19 Day Monday Time 630 Temp 480
 Precipitation .5 Weather nice

LAB

Thickened Sludge 3 / 2 W.A.S. 11 / 11

Ops Building

Heating Fuel 3071 Gallons Generator Hours 941 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp ✓ Boiler Pressure ✓

Lower Pump Station

Pumped Flow ~~22865306~~ 14558301 Parshall Flume 806040

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 690

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 148290 Max 219 Min 12 Avg 103

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens Ted

Air Valves ✓ Slide Gates 2 SBR Blowers 1 Speed High

Standby 3 W.A.S Blowers 4 Speed High

Waste Cycle 301 14 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On 6/3 @ 7:10 Cdmpositor Date and Time Off 6/4 @ 8:30

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	900	9:10	65°	6.8	1.0	1.9	14	XXXX	240
301	930	935	66°	6.7	3.1	3.8	440	XXXX	200
302	330	355	66°	7.0	3.8	4.1	360	XXXX	
Effluent	9:05	9:15	64°	7.1	6.9	7.3	0	.6	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4140	0.4440	4667	2108	
302	25	0.4099	0.4398	1196		
Effluent	1000	0.	0.			

Date 6/4/19 Day Tuesday Time 630 Temp 48°
 Precipitation 0 Weather nice

LAB

Thickened Sludge 4 / 4 W.A.S. 13 / 13

Ops Building

Heating Fuel 2790 Gallons Generator Hours 942 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 145740.85 Parshall Flume 926970

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 146530 Max 199 Min 30 Avg 102

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S. Blowers 4 Speed High

Waste Cycle 301 18 min Waster Cycle 302 9 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	630	6:40	59°	6.7	1.7	1.9	14	XXXX	200
301	930	9:35	65°	7.0	2.9	3.4	320	XXXX	160
302	730	7:35	64°	6.8	3.1	3.3	320	XXXX	210
Effluent	635	6:45	65°	7.0	6.9	7.2	0	.4	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4102	0.4377	1100		
302	25	0.4137	0.4381	976		
Effluent	1000	0.	0.			

Date 6/5/19 Day Wednesday Time 630 Temp 56°
 Precipitation 0 Weather Nice

LAB

Thickened Sludge 4 / 4 W.A.S. 10 / 12

Ops Building

Heating Fuel 2640 Gallons Generator Hours 9484 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators ✓ Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14596399 Parshall Flume 1074330

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 139590 Max 220 Min 33 Avg 97

SBR Building

UV Operation 95 % Pump Number 172 Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S. Blowers 5 Speed High

Waste Cycle 301 6 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:05	7:15	61°	6.6	1.0	1.3	14	XXXX	300
301	930	935	66°	7.1	3.8	3.9	340	XXXX	190
302	7:20	7:25	65°	7.0	3.0	3.2	300	XXXX	190
Effluent	7:00	7:10	64°	6.9	6.7	7.0	0	.6	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. <u>4186</u>	0. <u>4329</u>	<u>572</u>		
302	25	0. <u>4206</u>	0. <u>4475</u>	<u>1076</u>		
Effluent	1000	0.	0.			

Date 6/6/19 Day Thursday Time 630 Temp 65°
 Precipitation 1.0 Weather overcast

LAB

Thickened Sludge 3.9 / 6.5 W.A.S. 12 / 12

Ops Building

Heating Fuel 2770 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp off Boiler Pressure —

Lower Pump Station

Pumped Flow 14618629 Parshall Flume 1214570

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 70°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 139760 Max 223 Min 32 Avg 97

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S Blowers 4 Speed High

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DOL	DO H	Settle	Turb	TDS
Influent	7:15	7:25	60°	7.0	2.1	2.6	34	XXXX	240
301	930	935 ⁹	66°	6.7	2.1	2.5	380	XXXX	240
302	730	735	66°	7.0	3.4	3.6	200	XXXX	190
Effluent	7:10	7:20	66°	7.1	6.9	7.3	0	.4	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4147	0.4392	980		
302	25	0.4069	0.4381	1248		
Effluent	1000	0.	0.			

Date 6/7/19 Day Friday Time 630 Temp 60°
 Precipitation 0 Weather nice

LAB

Thickened Sludge M-T/10 W.A.S. 9/9

Ops Building

Heating Fuel 2680 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14640279 Parshall Flume 1358630

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 70°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 149000 Max 241 Min 35 Avg 103

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 9 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:40	6:50	60°	6.5	.4	.8	32	XXXX	280
301	9:30	9:35	66°	6.7	3.2	4.1	350	XXXX	220
302	7:20	7:25	66°	6.8	3.0	3.3	240	XXXX	210
Effluent	6:45	6:55	65°	7.0	6.4	6.9	0	.6	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4087	0.4514	1708		
302	25	0.4193	0.4701	2032		
Effluent	1000	0.	0.			

Date 6/8/19 Day Saturday Time 8:00 Temp 62°
Precipitation 0 Weather nice

LAB

Thickened Sludge 1.8 / 6.9 W.A.S. 10.8 / 7.5

Ops Building

Heating Fuel 3032 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14661726 Parshall Flume 1592780

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 3.0

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 153880 Max 221 Min 20 Avg 107

SBR Building

UV Operation 95 % Pump Number 112 Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials — Analyst Initials —

Compositor Date and Time On — Cdmpositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 6/9/19 Day Sunday Time 8:00 Temp 70°
 Precipitation 0 Weather nic

LAB

Thickened Sludge 3.1 / 6.9 W.A.S. — / 3.5

Ops Building

Heating Fuel 2550 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14679381 Parshall Flume 1600380

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 68°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 160340 Max 214 Min 18 Avg 111

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens TCD

Air Valves — Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 — min Waster Cycle 302 — min

Lab Work

Sampler Initials — Analyst Initials —

Compositor Date and Time On — Cdmpositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 6/10/19 Day Monday Time 630 Temp 52°
Precipitation 0 Weather clear

LAB

Thickened Sludge 3 / 6 W.A.S. 4 / 4

Ops Building

Heating Fuel 2710 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp --- Boiler Pressure ---

Lower Pump Station

Pumped Flow 14694270 Parshall Flume 1514760

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 149310 Max 221 Min 30 Avg 104

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S. Blowers 4 Speed High

Waste Cycle 301 9 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:45	6:55	60°	6.7	1.4	1.7	28	XXXX	400
301	9:20	9:25	65°	6.9	2.7	3.5	300	XXXX	200
302	7:30	7:35	65°	6.9	3.0	3.4	360	XXXX	210
Effluent	6:40	6:50	66°	6.9	6.4	6.7	0	.4	220

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4128	0.4527	1596		
302	25	0.4166	0.4643	1908		
Effluent	1000	0.	0.			

Date 6/11/19 Day Tuesday Time 630 Temp 50°
Precipitation 1.75 Weather Rain

LAB

Thickened Sludge 3/3 W.A.S. full/full

Ops Building

Heating Fuel 2780 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 14709263 Parshall Flume 141410

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 149680 Max 210 Min 20 Avg 104

SBR Building

UV Operation 95 % Pump Number 142 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 6 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JC Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DO H	Settle	Turb	TDS
Influent	6:50	6:55	60°	6.9	1.6	1.9	48	XXXX	280
301	9:25	9:30	66°	6.7	2.9	3.3	280	XXXX	250
302	7:30	7:35	66°	7.0	3.1	3.9	240	XXXX	210
Effluent	7:45	7:50	66°	7.1	7.0	7.1	0	.6	200

Sample	MIL	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4093	0.4536	1772		
302	25	0.4107	0.4522	1660		
Effluent	1000	0.	0.			

Date 6/12/19 Day Wednesday Time 630 Temp 60°
Precipitation .75 Weather nice

LAB

Thickened Sludge 7 / 2 W.A.S. 8 / 8

Ops Building

Heating Fuel 2710 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 14732154 Parshall Flume 296860

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 152340 Max 218 Min 32 Avg 106

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens Red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:20	6:30	60°	7.0	1.4	1.9	12	XXXX	860
301	9:30	9:35	66°	6.8	3.9	4.2	340	XXXX	210
302	7:30	7:35	66°	6.9	3.0	3.4	300	XXXX	190
Effluent	6:25	6:35	66°	7.1	6.9	7.0	0	13	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4109	0.4603	1976		
302	25	0.4154	0.4595	1764		
Effluent	1000	0.	0.			

Date 6/13/19 Day Thursday Time 630 Temp 50°
 Precipitation 1.25 Weather Rain

LAB

Thickened Sludge 7/1 W.A.S. 11/9

Ops Building

Heating Fuel 2770 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators ✓ no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14752169 Parshall Flume 425860

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 143060 Max 225 Min 36 Avg 99

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 3 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	630	640	59°	6.7	.3	.5	10	XXXX	310
301	9:20	9:25	66°	6.8	1.9	2.3	380	XXXX	210
302	7:20	7:25	65°	7.0	2.4	2.9	250	XXXX	240
Effluent	635	645	65°	7.1	6.5	6.9	0	.3	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4129	0.4530	1604		
302	25	0.4136	0.4512	1504		
Effluent	1000	0.	0.			

Date 6/14/19 Day Friday Time 630 Temp 58°
Precipitation .75 Weather nice

LAB

Thickened Sludge 11 / 1.6 W.A.S. 10 / 10

Ops Building

Heating Fuel 2680 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14775316 Parshall Flume 581180

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 155300 Max 245 Min 35 Avg 108

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 9 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JE

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:35	6:45	58°	6.9	6.6	6.9	14	XXXX	240
301	920	930	66°	7.0	2.9	3.2	320	XXXX	260
302	730	7:35	65°	6.9	2.9	3.4	280	XXXX	210
Effluent	630	640	66°	7.0	7.1	7.3	0	.6	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4163	0.4624	1844		
302	25	0.4120	0.4599	1916		
Effluent	1000	0.	0.			

Date 6/15/19 Day Saturday Time 620 Temp 51°
Precipitation 0 Weather nice

LAB

Thickened Sludge 9 / 0 W.A.S. 9 / 9

Ops Building

Heating Fuel 2770 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14798227 Parshall Flume 733100

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 70°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 152160 Max 193 Min 22 Avg 106

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓ perfect.

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials — Analyst Initials —

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 6/16/19 Day Sunday Time 8AM Temp 62°
Precipitation .75 Weather Rain

LAB

Thickened Sludge 9 / 0 W.A.S. 11 / 11

Ops Building

Heating Fuel 2770 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour 70

Run Trailer Mounted Generators no Boiler Temp ✓ Boiler Pressure

Lower Pump Station

Pumped Flow 14821004 Parshall Flume 744390

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 159380 Max 227 Min 39 Avg ~~75390~~ 110

SBR Building

UV Operation 96 % Pump Number 142 Clean Water Screens ✓

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JB Analyst Initials

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 6/17/19 Day Monday Time 630 Temp 63°
 Precipitation 0.75 Weather humid

LAB

Thickened Sludge 8 / 0 W.A.S. 11 / 11

Ops Building

Heating Fuel 2770 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14828570 Parshall Flume 1027770

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 146560 Max 222 Min 28 Avg 102

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 6 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On 6/17/19 @ 7:10 Compositor Date and Time Off 6/18/19 @ 8:40

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:15	7:25	58°	6.7	1.1	1.3	10	XXXX	310
301	9:10	9:15	67°	6.9	3.8	4.1	440	XXXX	210
302	730	735	66°	6.8	3.1	3.8	450	XXXX	210
Effluent	7:10	7:20	66°	6.9	6.8	7.1	0	.6	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4138	0.4635	1988		
302	25	0.4152	0.4715	2252		
Effluent	1000	0.	0.			

Date 6/18/19 Day Tuesday Time 630 Temp 64°
Precipitation .25 Weather overcast

LAB

Thickened Sludge 11 / 0 W.A.S. 9 / 9

Ops Building

Heating Fuel 2760 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14850840 Parshall Flume 1166700

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.4 Temp 69°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 137760 Max 223 Min 31 Avg 96

SBR Building

UV Operation 95 % Pump Number 142 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 18 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	7:00	7:10	58°	6.9	81.6	1.9	16	XXXX	280
301	120	125	67°	6.8	.4	1.9	300	XXXX	240
302	730	7:35	66°	6.9	3.4	3.7	330	XXXX	190
Effluent	7:15	7:20	66°	7.1	7.1	7.4	0	.8	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4160	0.4553	1572		
302	25	0.4136	0.4608	1888		
Effluent	1000	0.	0.			

Date 6/19/19 Day Wednesday Time 630 Temp 60°
Precipitation .75 Weather nice

LAB

Thickened Sludge 11 / 0 W.A.S. 8 / 8

Ops Building

Heating Fuel 2770 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp OFF Boiler Pressure OFF

Lower Pump Station

Pumped Flow 14874657 Parshall Flume 1330590

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 154820 Max 241 Min 31 Avg 108

SBR Building

UV Operation 95 % Pump Number 142 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 9 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	58°	7.0	2.6	3.0	30	XXXX	190
301	10:10	10:15	68°	7.0	3.4	3.9	380	XXXX	200
302	8:10	8:15	68°	7.0	3.4	3.8	380	XXXX	210
Effluent	8:00	8:05	67°	7.0	7.1	7.3	0	.4	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4137	0.34739	2408		
302	25	0.4144	0.4500	1424		
Effluent	1000	0.	0.			

Date 6/20/19 Day Thursday Time 630 Temp 68°
Precipitation .75 Weather Rain

LAB

Thickened Sludge 12 / 0 W.A.S. 8 / 8

Ops Building

Heating Fuel 2680 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14921729 Parshall Flume 1409700

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.6 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 157,490 Max 242 Min 30 Avg 112

SBR Building

UV Operation 96 % Pump Number 142 Clean Water Screens TCd

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 18 min Waster Cycle 302 12 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On — Cdmpositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:40	6:45	68° 68°	6.4	1.0	1.2	20	XXXX	190
301	10:10	10:15	67°	6.9	1.5	1.9	420	XXXX	210
302	12:10	12:15	68°	6.8	3.0	3.2	440	XXXX	190
Effluent	7:00	7:05	68°	7.1	6.7	6.9	0	.5	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4124	0.4787	2652		
302	25	0.4109	0.4693	2336		
Effluent	1000	0.	0.			

Date 6/21/19 Day Friday Time 630 Temp 60°
Precipitation 1.25 Weather rain

LAB

Thickened Sludge 8 / 4 W.A.S. 12 / 12

Ops Building

Heating Fuel 2710 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 14922566 Parshall Flume 1666680

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 70°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 174870 Max 247 Min 38 Avg 121

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens ✓ Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 6 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	58°	6.5	.6	1.0	14	XXXX	240
301	10:00	10:02	68°	6.9	2.9	3.9	280	XXXX	190
302	8:00	8:05	67°	7.0	3.0	3.4	240	XXXX	190
Effluent	7:15	7:25	67°	7.3	6.8	7.0	0	.6	180

Sample	ML	Tare Wt	Gross Wt	Sus. Sol MG/L	Ash Wt	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4127	0.4493	1464		
302	25	0.4139	0.4448	1238		
Effluent	1000	0.	0.			

Date 6/22/19 Day Saturday Time 7:30 Temp 66°
Precipitation 0.25 Weather nice

LAB

Thickened Sludge 23.8 / 9.4 W.A.S 2.4 / 8.3

Ops Building

Heating Fuel 2950 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10

Run Trailer Mounted Generators 10 Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14949801 Parshall Flume 1969730

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 25 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 167500 Max 224 Min 40 Avg 116

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials — Analyst Initials —

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 6/23/19 Day Sunday Time 8 AM Temp 69°
Precipitation 0 Weather nicc

LAB

Thickened Sludge 3.8 / 9.5 W.A.S. 2.4 / 10.6

Ops Building

Heating Fuel 2940 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14965841 Parshall Flume 2000630

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 164540 Max 240 Min 35 Avg 114

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens ✓

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials — Analyst Initials —

Compositor Date and Time On — Compositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 6/24/19 Day Monday Time 630 Temp 67°
 Precipitation 0 Weather nice

LAB

Thickened Sludge 3.8 / 10 W.A.S. 2 / 10

Ops Building

Heating Fuel 2980 Gallons Generator Hours 944 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 14981846 Parshall Flume 2149330

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.3 Temp 69°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 159650 Max 228 Min 36 Avg 111

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens ✓

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 8 min Waster Cycle 302 8 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On 6/24/19 @ 8:00 Compositor Date and Time Off 6/25/19 @ 8:30

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	59°	6.8	.4	.8	10	XXXX	260
301	10:05	10:10	67°	6.9	3.0	3.1	440	XXXX	210
302	8:10	8:15	67°	6.8	3.4	3.7	460	XXXX	200
Effluent	7:15	7:25	67°	7.0	4.9	6.2	0	.5	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4107	0.4683	2304		
302	25	0.4342	0.4750	1632		
Effluent	1000	0.	0.			

Date 6/25/19 Day Tuesday Time 630 Temp 68°
Precipitation 0 Weather rain on way

LAB

Thickened Sludge 1.5 / 12 WAS 3 / 11

Ops Building

Heating Fuel 2960 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour ✓

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15006372 Parshall Flume 2312160

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 68°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 151530 Max 215 Min 33 Avg 105

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed low (1 basin)

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	59°	6.7	1.1	1.4	8	XXXX	230
301	10:00	10:05	68°	6.8	3.0	3.2	440	XXXX	220
302	7:45	7:50	67°	6.9	2.8	2.9	380	XXXX	200
Effluent	7:15	7:25	67°	7.0	6.4	6.9	0	.4	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4124	0.4556	1726		
302	25	0.4127	0.4537	1640		
Effluent	1000	0.	0.			

Date 6/26/19 Day Wednesday Time 630 Temp 68°
Precipitation 1.75 Weather humid

LAB

Thickened Sludge 5 / 8 W.A.S. 0 / 8

Ops Building

Heating Fuel 3020 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp Boiler Pressure

Lower Pump Station

Pumped Flow 15031879 Parshall Flume 2481180

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 69°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 170970 Max 237 Min 37 Avg 119

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens ✓

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed low 1 fan k.

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:35	6:45	67°	6.9	1.3	1.6	14	XXXX	240
301	9:30	9:35	68°	7.0	1.7	2.3	420	XXXX	210
302	7:30	7:35	68°	6.7	3.0	3.2	400	XXXX	220
Effluent	6:40	6:50	68°	7.0	5.8	6.9	0	.9	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4108	0.4711	2412		
302	25	0.4128	0.4692	2256		
Effluent	1000	0.	0.			

Date 6/27/19 Day Thursday Time 630 Temp 70°
 Precipitation 0 Weather nice

LAB

Thickened Sludge 7/5 W.A.S. 0/7

Ops Building

Heating Fuel 2990 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15056435 Parshall Flume 2649660

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 69°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 171620 Max 224 Min 43 Avg 119

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S Blowers 4 Speed low (1 tank)

Waste Cycle 301 10 min Waster Cycle 302 10 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On — Cdmpositor Date and Time Off —

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:15	66°	6.4	1.3	1.7	28	XXXX	280
301	925	930	67°	6.8	2.9	3.5	410	XXXX	170
302	730	7:35	67°	6.9	2.4	2.6	430	XXXX	210
Effluent	700	7:05	68°	7.0	6.4	7.0	0	.9	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4130	0.4673	2172		
302	25	0.4129	0.4691	2218		
Effluent	1000	0.	0.			

Date 6/28/19 Day Friday Time 630 Temp 68°
Precipitation 0 Weather Nice

LAB

Thickened Sludge 9 / M-T W.A.S. 4 / 4

Ops Building

Heating Fuel 3610 Gallons Generator Hours 946 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp + Boiler Pressure ✓

Lower Pump Station

Pumped Flow 15080743 Parshall Flume 2826590

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 70°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 159170 Max 238 Min 38 Avg 111

SBR Building

UV Operation 96 % Pump Number 112 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high

Standby 3 W.A.S. Blowers 4 Speed high

Waste Cycle 301 18 min Waster Cycle 302 18 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:40	6:45	66°	6.9	3.0	3.3	14	XXXX	210
301	10:05	10:10	68°	6.7	1.8	2.0	460	XXXX	240
302	8:10	8:15	68°	7.0	1.9	2.4	440	XXXX	210
Effluent	7:10	7:15	68°	6.9	7.1	7.3	0	.7	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4122	0.4723	2404		
302	25	0.4109	0.4694	2340		
Effluent	1000	0.	0.			

Date 6/29/19 Day Saturday Time 630 Temp _____
Precipitation _____ Weather _____

LAB

Thickened Sludge _____/_____
W.A.S. _____/_____

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead _____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 151220 Max 183 Min 24 Avg 105

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens ✓

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S. Blowers _____ Speed _____

Waste Cycle 301 _____ min Waster Cycle 302 _____ min

Lab Work

Sampler Initials _____ Analyst Initials _____

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 6/30/19 Day Sunday Time 8:30 Temp _____
Precipitation _____ Weather _____

LAB

Thickened Sludge _____ W.A.S. _____

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead _____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 149960 Max 229 Min 40 Avg 104

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ☒

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____ min Waster Cycle 302 _____ min

Lab Work

Sampler Initials _____ Analyst Initials _____

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

1005 BOSTON POST ROAD
MADISON, CT 06443
Phone 203-245-0568
FAX 203-318-0830
Connecticut Certification PH-0535
www.eclinconline.com



ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample ID#: 125593
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client
Sample Date: 6/25/2019
Receipt Date: 6/25/2019
Report Date: 7/2/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	6/26/2019	KC
Total Suspended Solids	6.00	mg/L	SM2540D	1	6/28/2019	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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MADISON, CT 06443
Phone 203-245-0568
FAX 203-318-0830
Connecticut Certification PH-0535
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ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 6/18/2019
Receipt Date: 6/18/2019
Report Date: 6/26/2019
Sample Site: Influent

Sample ID#: 125434
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	178	mg/L	SM5210B	2	6/19/2019	KC
Total Suspended Solids	260	mg/L	SM2540D	1	6/21/2019	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

(203) 245-0568 Phone
(203) 318-0830 Fax

Are containers broken/leaking? Y/N
Did Samples need to be split upon receipt? Y/N
Were Samples presented properly? Y/N

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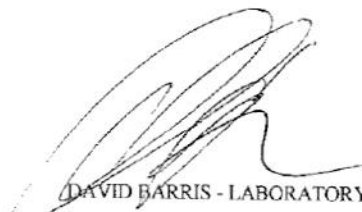
ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 6/18/2019
Receipt Date: 6/18/2019
Report Date: 6/19/2019
Sample Site: Effluent

Sample ID#: 125436
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	6/18/2019	DB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	6/18/2019	DB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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Phone 203-245-0568
FAX 203-318-0830
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ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 6/11/2019
Receipt Date: 6/11/2019
Report Date: 6/18/2019
Sample Site: Influent

Sample ID#: 125234
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	222	mg/L	SM5210B	2	6/12/2019	KC
Total Suspended Solids	388	mg/L	SM2540D	1	6/14/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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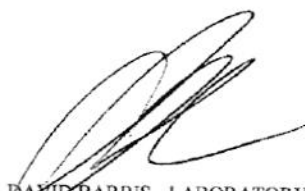


Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 6/4/2019
Receipt Date: 6/4/2019
Report Date: 6/17/2019
Sample Site: Influent

Sample ID#: 125081
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	10.4	mg/L	ASTM D6919-03	0.05	6/6/2019	KC
Nitrate as N	0.95	mg/L	EPA300.0	0.1	6/4/2019	JB
Nitrite as N	0.07	mg/L	EPA300.0	0.01	6/4/2019	JB
Orthophosphate as P	0.78	mg/L	EPA300.0	0.02	6/4/2019	JB
Phosphorous -Total as P	3.04	mg/L	EPA 200.7	0.04	6/11/2019	JB
TKN as N	20.5	mg/L	4500NorgC	0.5	6/13/2019	KC
Total Nitrogen as N	21.5	mg/L	CALC	1	6/14/2019	KC


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CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 125084
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 6/4/2019
Receipt Date: 6/4/2019
Report Date: 6/11/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical Alkalinity	<20.0	mg/L	SM2320-B	20	6/7/2019	KC


DAVID HARRIS - LABORATORY DIRECTOR

ND = Not Detected

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1005 Boston Post Road
Madison, CT 06443

(203) 245-0568 Phone
(203) 318-0830 Fax

Client: Town of Deep River-WPCF Contact: Mr. Peter Lewis Address: 99 Winter Ave, Deep River, CT 06417 Phone: 860-526-6044 Fax:				Project: Monthly + Weekly Influent/Effluent Testing				Required Analysis TN Series Ortho & Total Phos Alkalinity (grab sample) BOD/TSS Fecal/Enterococcus May-Oct				Cl ₂ Res. ECL Sample I.D.#	
PWSID#:		Samplers Name: (Print)											
System Type:		John Ely											
Client I.D.	Sampling Location	Date	Time	Sample Type			Number of Containers		Required Analysis			Cl ₂ Res.	ECL Sample I.D.#
				Water	Solid	Comp	Grab						
	Influent (Monthly)	6/4	8:50	X		X		2	X	X			125081
	Effluent (Monthly)	6/4	8:40	X		X		2	X	X			125082
	Influent (Monthly)	6/4	7:30	X			X	1		X			125083
	Effluent (Monthly)	6/4	7:30	X			X	1		X			125084
	Influent (Weekly)	6/4	8:50	X		X		1			X		
	Effluent (Weekly)	6/4	8:40	X		X		1			X		
	Effluent (Weekly)	6/4	7:30	X			X	1			X		

Relinquished by:	Date	Time	Received by:	Date	Time	Were Samples received within holding time? ☒ Y ☐ N Were Samples chilled upon receipt? ☒ Y ☐ N Were Samples in appropriate containers? ☒ Y ☐ N If No Explain:
Relinquished by:	Date	Time	Received by:	Date	Time	Are containers broken/leaking? ☒ Y ☐ N Did Samples need to be split upon receipt? ☒ Y ☐ N Were Samples presented properly? ☒ Y ☐ N

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ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 6/4/2019
Receipt Date: 6/4/2019
Report Date: 6/12/2019
Sample Site: Influent

Sample ID#: 125085
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	377	mg/L	SM5210B	2	6/5/2019	KC
Total Suspended Solids	562	mg/L	SM2540D	1	6/7/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

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CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 6/4/2019
Receipt Date: 6/4/2019
Report Date: 6/5/2019
Sample Site: Effluent

Sample ID#: 125087
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	6/4/2019	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	6/4/2019	JB


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